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What is claimed is:

1	1. A lithium secondary battery comprising:
2	a case;
3	an internal electrode body positioned inside said case, said internal electrode body
4	comprising at least one positive electrode, at least one negative electrode and at least one
5	separator interposed between said positive electrode and said negative electrode, said positive
6	electrode and said negative electrode being electrically insulated from each other;
7	at least one electrolyte contained inside said case;
8	a first terminal electrically connected to said negative electrode;
9	a second terminal electrically connected to said positive electrode; and
0	at least one insulator positioned between said case and at least one of said first and
1	second terminals, said insulator comprising ethylene-propylene rubber.
1	2. A lithium secondary battery as recited in claim 1, wherein said insulator has a
2	surface hardness of from 30 (durometer A) to 60 (durometer D).
1	3. A lithium secondary battery as recited in claim 1, wherein said case comprises a
2	body member and at least a first end cap, said first end cap being positioned at a first end of
3	said body member, said insulator being positioned between said first terminal and said first
4	end cap.
1	4. A lithium secondary battery as recited in claim 3, wherein said body member is
2	generally cylindrical.
1	5. A lithium secondary battery as recited in claim 3, wherein said body member has a
2	first crimped portion in which said first end cap is clamped.
1	6. A lithium secondary battery as recited in claim 1, wherein said case comprises a
2	body member, a first end cap and a second end cap, said first end cap being positioned at a

first end of said body member, said second end cap being positioned at a second end of said

1	body member, said internal electrode body being positioned between said first and second end
2	caps, said insulator being positioned between one of said first and second terminals and an
3	adjacent one of said first and second end caps.
1	7. A lithium secondary battery as recited in claim 6, wherein said body member is
2	generally cylindrical.
1	8. A lithium secondary battery as recited in claim 6, wherein said body member has a
2	first crimped portion in which said first end cap is clamped, and a second crimped portion in
3	which said second end cap is clamped.
1	9. A lithium secondary battery as recited in claim 6, wherein said at least one insulator
2	is positioned between said first end cap and said first terminal, and a second insulator is
1 2 2 3 3 1 1 1 2 2 1 2 1 2 1 2 1 2 1 2	positioned between said second end cap and said second terminal.
1	10. A lithium secondary battery as recited in claim 1, wherein said insulator material
2	has a volume resistivity of at least $10^{10} \Omega$ -cm.
1	11. A lithium secondary battery comprising:
2	a body member;
3	an internal electrode body positioned inside said body member, said internal electrode
4	body comprising at least one positive electrode, at least one negative electrode and at least
5	one separator interposed between said positive electrode and said negative electrode, said
6	positive electrode and said negative electrode being electrically insulated from each other;
7	at least one electrolyte contained inside said body member;
8	a first terminal electrically connected to said negative electrode;
9	a second terminal electrically connected to said positive electrode;
10	at least one end cap; and
11	at least one insulator positioned between said body member and said at least one end

cap, said insulator comprising ethylene-propylene rubber.

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- 1 12. A lithium secondary battery as recited in claim 11, wherein said body member is generally cylindrical and said at least one end cap is positioned at a first end of said body member.

 1 13. A lithium secondary battery as recited in claim 12, wherein said body member has a first crimped portion in which said first end cap is clamped.

 1 14. A lithium secondary battery as recited in claim 11, wherein said at least one end cap is positioned at a first end of said body member, said battery further comprising a second
 - 15. A lithium secondary battery as recited in claim 14, wherein said body member is generally cylindrical.

end cap positioned at a second end of said body member, said internal electrode body being

positioned between said first end cap and said second end cap.

- 16. A lithium secondary battery as recited in claim 14, further comprising a second insulator positioned between said second end cap and said body member, said second insulator comprising ethylene-propylene rubber.
- 17. A lithium secondary battery as recited in claim 14, wherein said body member has a first crimped portion in which said first end cap is clamped, and a second crimped portion in which said second end cap is clamped.
- 18. A lithium secondary battery as recited in claim 11, wherein said insulator material has a volume resistivity of at least $10^{10} \Omega$ -cm.
- 19. A lithium secondary battery as recited in claim 11, wherein said insulator has a surface hardness of from 30 (durometer A) to 60 (durometer D).